

FORM PTO-1390,  
OFFICE  
(Modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK

ATTORNEY'S DOCKET NUMBER  
12480-000171/US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

NEW

EXPRESS MAIL LABEL NO.

10/573833

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.

PCT/JP2004/014251

INTERNATIONAL FILING DATE

September 29, 2004

PRIORITY DATE CLAIMED

September 30, 2003

**TITLE OF INVENTION**

METALLIC THIN FILM CHIP PRODUCING METHOD AND METALLIC THIN FILM CHIP PRODUCING APPARATUS (as amended)

**APPLICANT(S) FOR DO/EO/US**

Yasuo SUDA and Hidekazu SUEYOSHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)) **WO 2005/031031 A1**
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is transmitted herewith.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4)
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98-1449, International Search Report (PCT/ISA/210) in English and PTO Form 1449 listing 9 References and Submitting 9 References, ISR, IPER
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Amendment under Article 34, Amended Sheet Letter, 5 sheets of formal drawings, PCT Forms (PCT/IB/308), (PCT/RO/101) and (PCT/IB/304)

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.53)<br><div style="font-size: 2em; font-weight: bold;">10/573833</div> |  | INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/014251 |  | ATTORNEY'S DOCKET NUMBER<br>12480-000171/US |  |
|---|--|--|--|---|--|

  

|  |  |   |            |                                       |         |
|--|--|---|------------|---------------------------------------|---------|
| 21. <input checked="" type="checkbox"/> The following fees are submitted:  |  |   |            | <b>CALCULATIONS      PTO USE ONLY</b> |         |
| <b>PCT FEES – NATIONAL STAGE:</b>  |  |   |            |                                       |         |
| <u>Fee Code</u>  | <u>Description</u>                             | <u>Fee</u>                                  |            |                                       |         |
| 1631   | Basic National Stage Fee.....                  | \$300.00                                    |            |                                       |         |
| 1632   | National Stage Search Fee.....                 | \$400.00                                    |            |                                       |         |
|  | (Search report prepared and provided to USPTO) |   |            |                                       |         |
| 1633   | National Stage Examination Fee.....            | \$200.00                                    |            |                                       |         |
| <b>ENTER APPROPRIATE FEE AMOUNT =</b>  |  |   | \$         | 900.00                                |         |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30<br>Months from the earliest claimed priority date (37 CFR 1.492(e)). |  |   | \$         | 130.00                                |         |
|  |  |   |            |                                       |         |
| PAGES  | PAGES FILED                                    | EXTRA PAGES<br>FILED IN 50 PAGE<br>SEGMENTS | RATE       |                                       |         |
| Total Pages  | 30 - 100 =                                     | 0   | X 250.00   | \$                                    | 0.00    |
|  |  |   |            |                                       |         |
| CLAIMS   | NUMBER FILED                                   | NUMBER EXTRA                                | RATE       |                                       |         |
| Total Claims   | 18 - 20 =                                      | 0   | X \$50.00  | \$                                    | 0.00    |
| Independent Claims   | 2 - 3 =  | 0   | X \$200.00 | \$                                    | 0.00    |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |  |   | + \$360.00 | \$                                    | 0.00    |
|  |  |   |            |                                       |         |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |  |   |            | \$                                    | 1030.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |  |   |            | \$                                    | 0.00    |
| <b>SUBTOTAL =</b>  |  |   |            | \$                                    | 1030.00 |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>Months from the earliest claimed priority date (37 CFR 1.492(f)).       |  |   |            | \$                                    | 0.00    |
| <b>TOTAL NATIONAL FEE =</b>  |  |   |            | \$                                    | 1030.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +  |  |   |            | \$                                    | 0.00    |
| <b>TOTAL FEES ENCLOSED =</b>   |  |   |            | \$                                    | 1030.00 |
|  |  |   |            | Amount to be:<br>refunded             | \$      |
|  |  |   |            | charged                               | \$      |

  

a. ☒ A check in the amount of **\$1030.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account. No. 08-0750 in the amount of \$ to cover the above fees.  
 A triplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

Send all correspondence to:  
**Harness, Dickey & Pierce, P.L.C – Customer No. 30593**  
**Post Office Box 8910**  
**Reston, Virginia 20195**

**Date: March 29, 2006**

By   
 Donald J. Daley, #34,313

10/573833

New National Phase Application  
Docket No. 12480-000171/US

IN THE U.S. PATENT AND TRADEMARK OFFICE  
125 Doc'd PCT/PTO 29 MAR 2006

Applicants: Yasuo SUDA and Hidekazu SUEYOSHI  
Int'l Application No.: PCT/JP2004/014251  
Application No.: **NEW APPLICATION**  
Filed: March 29, 2006  
For: METALLIC THIN FILM CHIP PRODUCING METHOD  
AND METALLIC THIN FILM CHIP PRODUCING  
APPARATUS (as amended)

**LETTER**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
Mail Stop **PCT**

March 29, 2006

Sir:

Amended sheets are attached hereto (which correspond to Article 34 amendments or to claims attached to the International Preliminary Examination Report), as required by 35 U.S.C. § 371(c)(3). The Article 34 amendments to the claims are incorporated in the included Preliminary Amendment. Entry of all of the Article 34 amendments is requested.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By:   
Donald J. Daley, Reg. No. 34,313

DJD:jap

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Reston, Virginia 20195  
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